

GE Healthcare



A powerful solution for a full range of applications

Corometrics 170 Series



Improved obstetric outcomes start with accurate assessments

For more than three decades, Corometrics fetal monitors have been helping clinicians improve the standard of obstetric care. Part of our complete family of uniquely powerful fetal monitors, Corometrics 170 Series monitors are designed to provide the information you need to make quick, accurate and cost-effective clinical assessments. These compact and lightweight monitors are designed for ante- and intrapartum applications in the office and hospital.

- Large, easy-to-read display clearly presents information on fetal heart rate and uterine activity.
- Nautilus best in class flat Toco transducers and dual 9-crystal watertight Ultrasound Transducers.
- Independent volume controls facilitate easy transducer placement.
- Heart rate offset mode makes it easy to visually distinguish between the heart rates of twins by allowing you to offset the secondary FHR by +20BPM.
- HeartBeat Coincidence recognition provides visual and audible indications when it detects synchronous fetal or maternal heart-rate signals, indicating that you may be monitoring a duplicate signal.
- Remote event marker makes it easy to annotate perceived fetal movements (FM) or other events on the strip chart.
- Optional Fetal Movement Detection algorithm automatically senses gross fetal movement and annotates its occurrence on the strip chart.
- Fetal heart rate alarm provides both audible and visual alerts if the heart rate is outside of the user-defined high/low range.
- Easy-to-load Z-fold paper stacks itself neatly upon exiting the recorder, facilitating easy storage.



Corometrics 170 Series is your best partner from Antepartum through Intrapartum till Delivery.

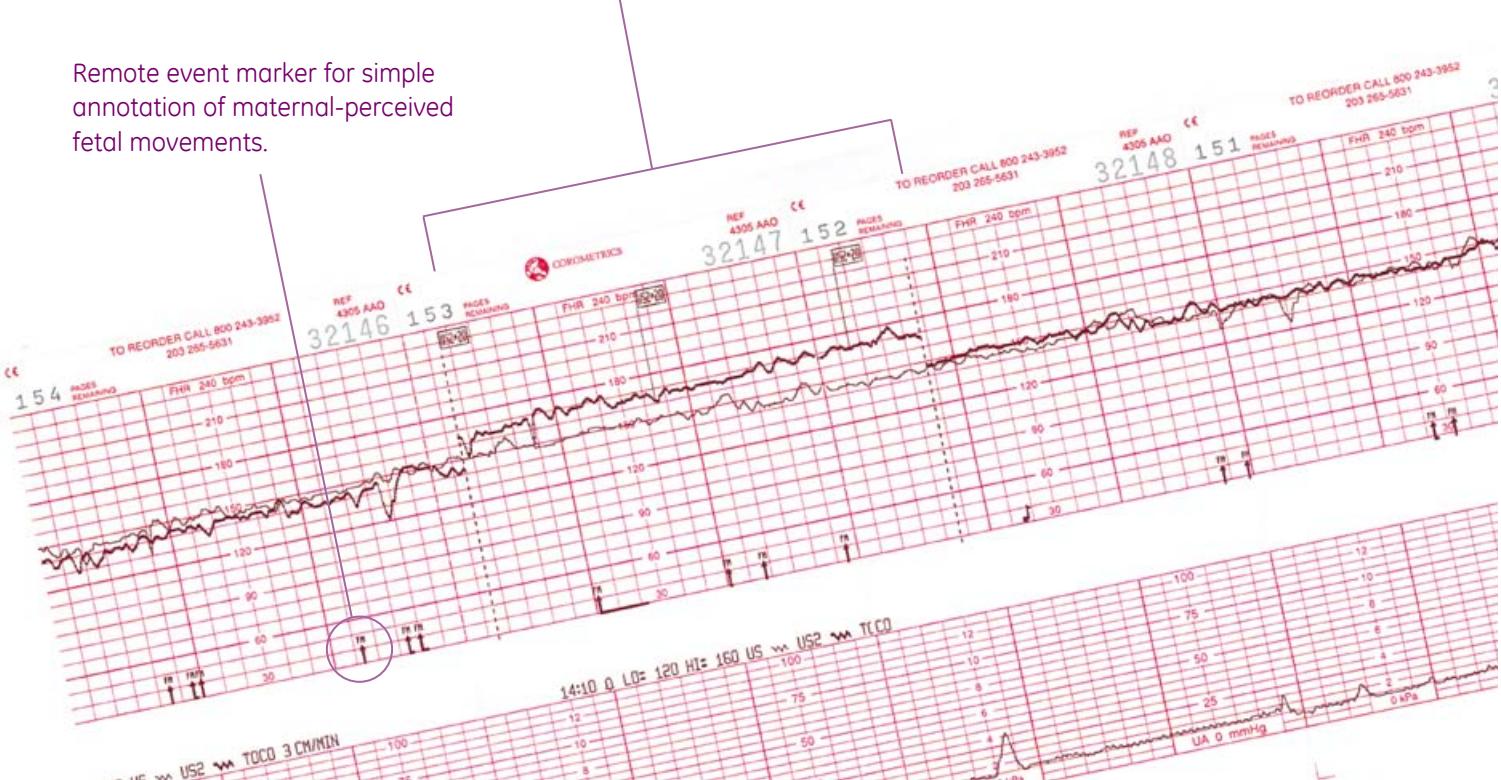


Corometrics 170 Series Features	171	172
9-crystal Nautilus Watertight Ultrasound Transducers	Single	Dual
Fetal Heart-Rate Alarm	X	X
Heart rate Offset Mode		X
Heart Beat Coincidence		X
Nautilus Watertight Toco Transducer	X	X
Remote Event Marker	X	X
Connectivity to central alarming and archiving	X	X
Optional Features	171	172
Fetal Acoustic Stimulator (unique interface)	X	X
Fetal Movement Detection Algorithm	X	X

Corometrics models 173 and 174 also feature IUPC and Fetal ECG capabilities.

Heart rate offset mode provides an easy visual distinction between twin heart rates.

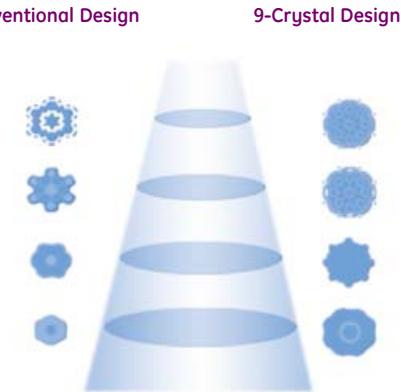
Remote event marker for simple annotation of maternal-perceived fetal movements.



- Corometrics 170 Series Monitors are Equipped with **Unique 9-Crystal Nautilus™ Ultrasound Transducers – a GE Exclusive.** This capability helps ensure superior signal quality by maintaining a uniform beam pattern throughout its depth of penetration. Nautilus 9-crystal ultrasound transducers achieve a wider focal region for more uniform coverage at greater depths than conventional 7-crystal transducers. The 9-crystal design helps ensure minimal re-positioning, even with challenging patients of varying sizes, shapes, and gestational ages.



- Dual, 9-crystal Nautilus watertight ultrasound transducer permits also external monitoring of twins.



- **Nautilus watertight flat toco transducer** permits quick, external acquisition of uterine activity. Its flat-surface design means it won't leave a mark neither hurts your patient.

At greater depths, a conventional 7-crystal transducer has a narrower focal region.

Corometrics' 9-Crystal transducer achieves a wider focal region for more uniform coverage at greater depths.

- The optional **Fetal Acoustic Stimulator (FAST)** uses low-frequency vibro-acoustic stimuli (VAS) to “wake” the fetus, increasing the efficiency of antepartum testing and improving retest consistency. VAS is indicated with a musical note on the strip. GE's Fetal Acoustic Stimulator is the only FDA-approved FAST available today.



- With our **mobile roll stand** and our flexible mounting solutions you can take the fetal monitor and all the necessary supplies wherever they are needed.



Every last detail

When it comes to delivering technology to optimize care of your obstetric patients, no one offers more clinical solutions than GE Healthcare. It starts with a complete family of perinatal systems, including ultrasound imaging devices, fetal and maternal monitoring units, and perinatal clinical information systems.

It continues with a full range of perinatal supplies and accessories, from spiral electrodes and intrauterine pressure catheters to monitoring cables and chart paper – all developed and validated to help ensure that your GE equipment will continue to operate at the highest performance levels.

Even after delivery GE's commitment to your patients' health continues with a full range of post-delivery monitoring systems as well as neonatal and women's healthcare products.

Bottom line unprecedented single-source convenience, reliability and value for uncompromising patient care throughout the childbearing continuum.



Connected where it counts

- Telemetry interface enables continuous monitoring without changing Nautilus watertight ultrasound and toco transducers during ambulation or hydrotherapy. The result – constant surveillance of mother and fetus, and an uninterrupted record of all events throughout labor and delivery.
- Built-in dual digital interface seamlessly connects the monitor to selected external monitors – such as DINAMAP® non-invasive blood pressure monitors or maternal SpO₂ and FSpO₂ monitors. Thus all data are printed on your fetal monitoring strip creating a unique complete and accurate report of the situation.
- The Corometrics 170 Series is compatible with any clinical information systems, enabling the capture and storage of a more comprehensive patient record. Access to the entire history of events during labor and delivery helps with quality decision-making, and contributes to a sense of confidence for both patient and caregiver.



Maternal and Infant Care

A single source for all of your maternal-infant care needs

Unique in the healthcare enterprise, maternal-infant care requires a special blend of technologies, capabilities and commitment. For over a century, GE Healthcare has pioneered breakthrough technologies to help support and advance maternal-infant care. Recent revolutions, such as 4D ultrasound, enclosable neonatal microenvironments and electronic medical records, continue GE's rich heritage of innovations in diagnostic imaging, point-of-care solutions and information management. This commitment to providing leading-edge technologies has helped maternal infant care clinicians to meet the challenges of today's demanding healthcare environment, and optimize patient care through every phase of this unique care area.

Supporting mothers and babies in every department throughout the hospital – and beyond.

From an expectant mother's first visit to her OB office, to the days after mother and baby leave the hospital, GE's combined offering assists healthcare professionals in supporting the specialized needs of patients and families across the entire maternal-infant care continuum, by helping to:

- Enhance out-of-hospital care in the OB office or clinic
- Promote healthy fetal development in the in-hospital Antepartum unit
- Support successful birthing transition in Labor and Delivery
- Care for new mothers in Recovery and Postpartum
- Nurture healthy babies in the Well Baby Nursery
- Protect fragile lives and promote growth and development in the NICU

Because we know you've got more important things to worry about...we're putting the best technologies at your fingertips.

It takes a unique blend of dedication, skill and technology to ensure your patients of leading-edge maternal-infant care. GE Healthcare shares your commitment to providing the best by helping organizations like yours deliver first-class care every step of the way.

